

IN THE CLAIMS

1 1. (Currently Amended) Device for switching on and powering discharge lamps
2 comprising at least a current limiting device, at least a square wave generator, at least an
3 igniter, at least two high tension connection cables, at least a lamp holder with at least a
4 discharge lamp coupled, said at least one igniter comprising at least a high tension transformer
5 and at least an overlapping transformer, said device being characterised in that said at least an
6 igniter is divided into a first stage of the igniter, or pulse generator transformer, and the high
7 tension transformer, and in that said first igniter stage, or pulse generator transformer, and the
8 high tension transformer are assembled along with the above mentioned components, wherein
9 said device includes a lamp bottom housing such that said first igniter stage is fixed on said
10 bottom housing and, wherein said at least current limiting device module is connected by two
11 reduced section cables to said at least first stage of the igniter, or pulse generator transformer
12 and further wherein said at least a current limiting device module and said at least a first stage
13 of the igniter, or pulse generator transformer, are subjected to movement and/or traction.

1 2. (Original) Device for switching on and powering discharge lamps according to
2 claim 1, characterised in that said at least a first stage of the igniter, or pulse generator
3 transformer, is fixed to the lamp holder.

1 3. (Previously Amended) Device for switching on and powering discharge lamps
2 according to claim 1, characterised in that said at least a first stage of the igniter, or pulse
3 generator transformer, integrally moves along with the lamp holder.

1 4. (Cancelled)

1 5. (Cancelled)

1 6. (Previously Amended) Device for switching on and powering discharge lamps
2 according to claim 1, characterised in that said at least a first stage of the igniter, or pulse
3 generator transformer, comprises at least a transformer.

1 7. (Original) Device for switching on and powering discharge lamps according to
2 claim 6, characterised in that said at least a first stage of the igniter, or pulse generator
3 transformer, comprises two transformers.

1 8. (Original) Device for switching on and powering discharge lamps according to
2 claim 6, characterised in that said at least a transformer is comprised of a toroidal core.

1 9. (Original) Device for switching on and powering discharge lamps according to
2 claim 7, characterised in that said two transformers are comprised of two toroidal nuclei.

1 10. (Previously Amended) Device for switching on and powering discharge lamps
2 according to claim 8, characterised in that said at least one transformer comprised of a toroidal
3 core allows a reduction of dimensions, promoting a reducing assembling.

1 11. (Cancelled)

1 12. (New) Device for switching on and powering discharge lamps according to
2 claim 1, wherein said first igniter stage generates approximately 6kW and having a very low

3 current.

1 13. (New) Device for switching on and powering discharge lamps according to
2 claim 12, wherein said device works for the duration of lamp ignition which is about 1 second.

1 14. (New) Device for switching on and powering discharge lamps according to
2 claim 1, wherein a high voltage state of igniter is positioned on a mobile carriage under said
3 lamp holder.